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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/730,864
		Filing Date	12/06/2000
		First Named Inventor	Tindal et al.
		Group Art Unit	2152
		Examiner Name	Z. Maung
Sheet 1 of 2	Attorney Docket Number		CNTW-001/00US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
CS		6,016,306 A		Le Boudec, Jean-Yves et al.	01/18/2000
CS		6,182,094 B1		Humpleman et al.	01/30/2001
CS		6,198,479 B1		Humpleman et al.	03/06/2001
CS		6,381,631 B1		Van Hoff	04/30/2002
CS		6,393,425 B1		Kelly, Stephen	05/21/2002
CS		6,449,638 B1		Wecker et al.	09/10/2002

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
CS		WO	95 24802 A		British Telecom; Cox, Simon Andrew (GB); Gittins, Christopher John	09/14/1995	
CS		EP	0 762 281 A		IBM	03/12/1997	
CS		WO	98 18235 A		MCI Communications Corp.; Caterisano, Terry A.	04/30/1998	
CS		EP	1 011 230 A		Siemens Inf. & Comm. Networks	06/21/2000	

Examiner Signature	<i>Chad J. J.</i>	Date Considered	8/20/04
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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

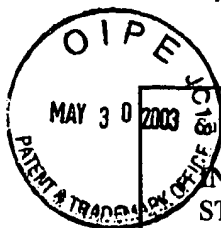
⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number 09/730,864 Filing Date 12/06/2000 First Named Inventor Tindal et al. Group Art Unit 2152 Examiner Name Z. Maung	
Sheet	2	of	2
		Attorney Docket Number	CNTW-001/00US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CJ		"FFST/2 Generic Alert Router for LAN and SNA Transports," IBM Technical Disclosure Bulletin, IBM Corp. New York, US, vol. 34, no. 11, 1 April 1992, pgs. 467 XP000303331, ISSN: 0018-8689	
CJ		Torrente S et al.: "Implementation of the ANSI T1M1.5 GBM-T1.214 within an ODBMS framework" Networking: Foundation for the Future, San Francisco, Mar- 28 - April 1, 1993, Proceedings of the Annual Joint Conference of the Computer and Communications Societies (INFOCOM), Los Alamitos, IEE Comp. Soc. Press, US, vol. 2 CONF. 12, 28 March 1993, pgs. 875-884, XP010032227, ISBN: 0-8186-3580-)	
CJ		Lee, W.C. et al: "Routing Subject to Quality of Service Constraints in Integrated Communication Networks" IEEE Network, IEEE Inc. New York, US, vol. 9, no. 4, 1 July 1995 (1995-07-01), pages 46-55, XP000526591, ISSN: 0890-8044 the whole document	
CJ		PCT/US 01/45668 - International Search Report dated 10/16/2002	
CJ		PCT/US 01/45669 - International Search Report dated 10/16/2002	
CJ		PCT/US 01/45670 - International Search Report dated 12/20/2002	
CJ		PCT/US 01/45672 - International Search Report dated 04/14/2003	

Examiner Signature	<i>ched</i>	Date Considered	8/20/04
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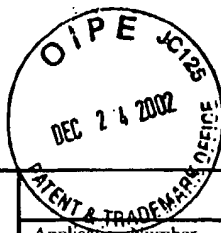
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	69/730,671 09/730,864 3m
		Filing Date	12/06/2000
		First Named Inventor	Tindal et al.
		Group Art Unit	2152
		Examiner Name	Z. Maung
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		Number	Kind Code ² (if known)		
CJ		5,159,685		Kung	10/27/1992
CJ		5,764,955		Doolan	06/09/1998
CJ		5,961,594		Bouvier et al.	10/05/1999
CJ		6,269,398 B1		Leong et al.	07/31/2001
CJ		6,349,306 B1		Malik et al.	02/19/2002
CJ		6,442,608 B1		Knight et al.	08/27/2002

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CJ		EP	0 810 755 A2		Thompson	12/03/1997
CJ		GB	2 368 692 A		Jacobs et al.	05/08/2002
CJ		WO	95/08794		Gilbert, et al.	03/30/1995
CJ		WO	02/47332 A2		Tindal, et al.	06/13/2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CJ		Kennedy T W: "Network Operations & Management Tool Requirements for the 90s" Proceedings of the Network Operations and Management Symposium (NOMS). Memphis, Apr. 6-9, 1992, New York, IEEE, U.S. Vo. 1, 1992, pgs 122-132			
CJ		Williams R: "Web Based Enterprise Management W101" DMTF 1999 Annual Conference, 'Online! 15-16 June 1999, pgs 1-21			
CJ		Wolfson, Ouri et al.: "Managing Communication Networks by Monitoring Databases", IEEE Transactions on Software Engineering, IEEE Inc. New York, US, vol. 17, no. 9 1 September 1991, pgs. 944-953			
CJ		PCT/US 01/45669 - International Search Report dated 10/16/2002			
CJ		PCT/US 01/45669 - Written Opinion dated 12/13/2002			

Examiner Signature		Date Considered	8/20/04
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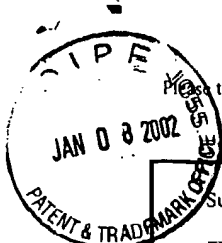
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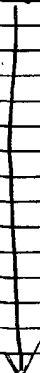
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		Application Number	09/730,864		
		Filing Date	12/06/2000		
		First Named Inventor	Tindal et al.		
		Group Art Unit	2152		
		Examiner Name	[Not Assigned]		
Sheet	1	of	2	Attorney Docket Number	CNTW-001/00US

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
C8 ↓ C.I.		5,519,704		Farinacci et al.	5/21/96
		5,796,732		Mazzola et al.	8/18/98
		5,832,503		Malik et al.	11/3/98
		5,842,040		Hughes et al.	11/24/98
		5,872,928		Lewis et al.	2/16/99
		5,889,953		Thebaut et al.	3/30/99
		6,097,697		Yao et al.	8/1/00
		6,098,108		Sridhar et al.	8/1/00
		6,104,700		Haddock et al.	8/15/00
		6,154,776		Martin	11/28/00
		6,167,445		Gai et al.	12/26/00
		6,170,009 B1		Mandal et al.	1/2/01
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
C8 		EP	0 384 339 A2		Pitkin et al.	8/29/90	
		EP	0 973 296 A2		Mandal et al.	1/19/00	
		EP	0 993 725 A1		Sridhar et al.	4/19/00	
		EP	1 012 726 A1		Hughes et al.	6/28/00	
		EP	1 026 867 A2		Soncodi et al.	8/9/00	
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		EP	1 090 492 A1		Jacobson et al.	4/11/01	
		EP	1 091 526 A2		Ebata et al.	4/11/01	
		WO	98/24208		Muirhead et al.	6/4/98	
		WO	99/01968		Sridhar et al.	1/14/99	
		WO	99/11003		Haddock et al.	3/4/99	
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		WO	00/04665		Sitara Networks et al.	1/27/00	
		WO	00/41091		3Com Corporation et al.	7/13/00	
		WO	01/19031A1		Putzolu et al.	3/15/01	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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Application Number	09/730,864
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Filing Date	12/06/2000
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First Named Inventor	Tindal et al
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Group Art Unit	2152
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Examiner Name	[Not
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Attorney Docket Number

CNTW-001/00US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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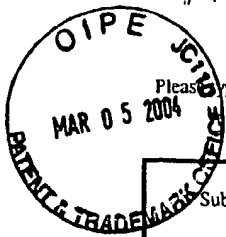
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/730,864		
		Filing Date	12/06/2000		
		First Named Inventor	Tindal et al.		
		Group Art Unit	2152		
		Examiner Name	Z. Maung		
Sheet	1	of	1	Attorney Docket Number	CNTW-001/00US

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		Number	Kind Code ² (if known)		
CB		5,581,764		Fitzgerald et al.	12/03/1996
CB		5,726,883		Levine et al.	03/10/1998
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Examiner Signature	<i>Chad J. G.</i>	Date Considered	8/20/04
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APPLICANT:

FILING DATE

December 6, 2000

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PTO
09/730864
12/06/00



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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CJ	P1	4,991,089	2/5/1991	Shorter, David U.			9/30/1988
CJ	P2	5,109,486	4/28/1992	Seymour, Leslie G.			1/6/1989
CJ	P3	5,442,791	8/15/1995	Wrabetz et al.			5/12/1994
CJ	P4	5,557,748	9/17/1996	Noris, David			2/3/1995
CJ	P5	5,724,509	3/3/1999	Starkweather et al.			4/22/1996
CJ	P6	5,751,967	5/12/1998	Raab et al.			7/15/1996
CJ	P7	5,784,702	7/21/1998	Greenstein et al.			2/27/1997
CJ	P8	5,787,246	7/28/1998	Lichtman et al.			5/27/1994
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CJ	P12	5,852,740	12/22/1998	Estes, Mark D.			10/15/1997
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CJ	P14	5,884,028	3/16/1999	Kindell et a;			7/29/1994
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CJ	P23	6,041,347	3/21/2000	Harsham et al.			10/24/1997
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CJ	P26	6,098,101	8/1/2000	Scars, Thomas R.			12/11/1997
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APPLICANT:

FILING DATE

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		F1						

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	D1	Managing Managed Network Services: The Service Provider Blind Spot; Infonetics Research, The Networking Information Source; June 2000 (18 pages)
	D2	ISM Customer- Aware™ Query; CoManage Corporation; as of December 5, 2000 (2 pages)
	D3	ISM Customer- Aware™ Provisioning; CoManage Corporation; as of December 5, 2000 (2 pages)
	D4	ISM Customer- Aware™ Deep Discovery™; CoManage Corporation; as of December 5, 2000 (2 pages)
	D5	ISM Customer- Aware™ Service Profiling; CoManage Corporation; as of December 5, 2000 (2 pages)
✓	D6	ISM Customer- Aware™ Fault and Performance Management; CoManage Corporation; as of December 5, 2000 (2 pages)

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C3	P33	6,131,118	10/10/2000	Stupek, Jr. et al.			7/7/1998
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C3	D1	Managing Managed Network Services: The Service Provider Blind Spot; Infonetics Research, The Networking Information Source; June 2000 (18 pages)
C3	D2	ISM Customer-Aware™ Query; CoManage Corporation; as of December 5, 2000 (2 pages)
C3	D3	ISM Customer-Aware™ Provisioning; CoManage Corporation; as of December 5, 2000 (2 pages)
C3	D4	ISM Customer-Aware™ Deep Discovery™; CoManage Corporation; as of December 5, 2000 (2 pages)
C3	D5	ISM Customer-Aware™ Service Profiling; CoManage Corporation; as of December 5, 2000 (2 pages)
C3	D6	ISM Customer-Aware™ Fault and Performance Management; CoManage Corporation; as of December 5, 2000 (2 pages)

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